

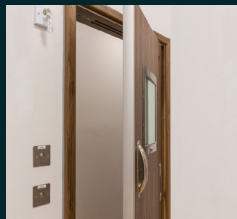
COMPLETE DOOR SYSTEM DATASHEET

# SENTRY Full-Door Edge Ligature Alarm System

The SENTRY Full Door Edge Alarm System is designed to maximise patient safety and assist clinical staff in preventing loss of life in mental healthcare environments. The SENTRY door features pressure sensors to all three exposed edges of the door which will trigger the staff alarm in the event of a ligature being trapped against them. The SENTRY system works whatever position the door is in - open or closed - and is hardwired by design to provide the robustness and reliability demanded for an assistive clinical product within a life-critical system.



Full height sensor to door edge



Optional recessed KG75 electro handle for patient to release door from the inside



## SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position - open or closed!



Full-length continuous hinge - no pivots!



Available with concealed transom closers

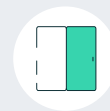


High-strength tri-laminate FORTUS core



FD30S fire rated specifications available

### Doorset Types Available:



The SENTRY Full Door Edge Alarm System is available in SWING, SWITCH, SOLO and STOW doorset specifications and, as such, it is the most versatile ligature alarmed door system available.

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COMPLETE DOOR SYSTEM DATASHEET

# SWING SENTRY Full-Door Edge Ligature Alarm System

The SWING SENTRY is a ligature-alarmed, anti-barricade door system designed for service user bedrooms or communal spaces to enhance safety. The doorset features pressure sensors to all three exposed edges of the door which will trigger the staff alarm in the event of a ligature being trapped against them. Thanks to the double-action SwingHinge and unique SwingThru Strike Plate, staff can open the SWING SENTRY doorset outwards in seconds to overcome a barricade – even with the lockbolt extended.



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## SWING SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Overcome barricades in seconds – even with the lockbolt extended



No need to unlock the door to overcome a barricade



Full-length continuous hinge – no pivots!



Single key controls the anti-barricade device & vision panel – no additional tools required!



Available with concealed transom closers



High-strength tri-laminate FORTUS core



FD30S fire rated doorset



COMPLETE DOOR SYSTEM DATASHEET

# SWING SENTRY Technical Specifications

## Technical Specs

### Leaf Thickness:

- 54mm

### Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

### Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

### Fire Rating Options:

- FD30S (BM Trada Q-Mark certified to BS EN 1634-3: 2004)
- NFR

### Lockset Options:

- Choice of mechanical or electronic locking options

### Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

### Anti-ligature Ironmongery:

- Choice of door furniture (view range [here](#))

### Concealed Door Closer Options:

- KG35 Double Action Transom Closer
- KG36 Double Action Transom Closer (Mechanical Hold Open)
- KG37 Double Action Transom Closer (Free Swing)
- KG38 Double Action Transom Closer (Electro Hold Open)
- No Closer

### Vision Panel Options:

- Duralux / Duralux Platinum (Square or Oblong)
- Visilux / Visilux Platinum (Square or Oblong)
- Pyrolux (Square or Oblong)
- No Vision Panel

### Leaf Configuration:

- Single leaf / Leaf and a ½ / Double Leaf

### Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

### Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

### Product Code:

- SWD-SEN02 (54mm single leaf)
- SWD-SEN04 (54mm leaf & half)
- SWD-SEN06 (54mm double leaf)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

COMPLETE DOOR SYSTEM DATASHEET

# SWITCH SENTRY Full-Door Edge Ligature Alarm System

The SWITCH SENTRY door system features pressure sensors to all three exposed edges of the door that will trigger the staff alarm if a ligature is trapped against them. It is the world's only ligature-alarmed doorset with a hinge-side anti-barricade mechanism, enhancing the safety of staff by positioning them in the barricade 'Green Zone'; the point at which the opening door is at its lowest speed. From the Green Zone, staff can open the doorset outwards in seconds even with the lock bolt extended, saving crucial time during an emergency.



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## SWITCH SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Keep staff safe in the barricade 'Green Zone' where the opening door moves slowest



Full-length continuous hinge – no pivots!



Single key control for the anti-barricade hinge & vision panel – no additional tools required!



Hinge retracts to open outwards in seconds - no need to unlock the door to overcome a barricade!



Rebated timber frame on closing edge for enhanced strength and acoustic performance



Available with concealed transom closers



High-strength tri-laminate FORTUS core



FD30S fire rated doorset



COMPLETE DOOR SYSTEM DATASHEET

# SWITCH SENTRY Technical Specifications

## Technical Specs

### Leaf Thickness:

- 54mm

### Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

### Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

### Fire Rating Options:

- FD30S (BM Trada Q-Mark certificated to BS EN 1634-3: 2004)
- NFR

### Lockset Options:

- Choice of mechanical or electronic locking options

### Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

### Anti-ligature Ironmongery:

- Choice of door furniture (view range [here](#))

### Concealed Door Closer Options:

- KG35 Double Action Transom Closer
- KG36 Double Action Transom Closer (Mechanical Hold Open)
- KG37 Double Action Transom Closer (Free Swing)
- No Closer

### Vision Panel Options:

- Duralux / Duralux Platinum (Square or Oblong)
- Visilux / Visilux Platinum (Square or Oblong)
- Pyrolux (Square or Oblong)
- No Vision Panel

### Leaf Configuration:

- Single leaf / Leaf and a ½

### Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

### Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

### Product Code:

- SCH-SEN02 (54mm single leaf)
- SCH-SEN04 (54mm leaf & half)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

COMPLETE DOOR SYSTEM DATASHEET

# SOLO SENTRY Full-Door Edge Ligature Alarm System

The SOLO SENTRY is a ligature-alarmed, single action door system designed to enhance safety in mental healthcare environments. The SOLO SENTRY features pressure sensors to all three exposed door edges which will trigger the staff alarm in the event of a ligature being trapped against them. The doorset provides a robust solution for single action requirements within a mental health facility and is available with a wide variety of lockset options, leaf configurations and anti-ligature hardware choices to meet the needs of your facility, staff and service users.



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## SOLO SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Available with a full-length continuous hinge – no pivots!



Rebated timber frame on closing edge for enhanced strength



Available with concealed transom closers



High-strength tri-laminate FORTUS core



FD30 fire rated doorset



COMPLETE DOOR SYSTEM DATASHEET

# SOLO SENTRY Technical Specifications

## Technical Specs

### Leaf Thickness:

- 54mm

### Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

### Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

### Fire Rating Options:

- FD30S (BM Trada Q-Mark certified to BS EN 1634-3: 2004)
- NFR

### Lockset Options:

- Choice of mechanical or electronic locking options

### Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

### Anti-ligature Ironmongery:

- Choice of door furniture (view range [here](#))

### Concealed Door Closer Options:

- KG35 Double Action Transom Closer
- KG36 Double Action Transom Closer (Mechanical Hold Open)
- KG37 Double Action Transom Closer (Free Swing)
- KG38 Double Action Transom Closer (Electro Hold Open)
- No Closer

### Vision Panel Options:

- Duralux / Duralux Platinum (Square or Oblong)
- Visilux / Visilux Platinum (Square or Oblong)
- Pyrolux (Square or Oblong)
- No Vision Panel

### Leaf Configuration:

- Single leaf / Leaf and a ½ / Double leaf

### Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

### Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

### Product Code:

- SOD-SEN02 (54mm single leaf)
- SOD-SEN04 (54mm leaf & half)
- SOD-SEN06 (54mm double leaf)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

COMPLETE DOOR SYSTEM DATASHEET

# STOW SENTRY Full-Door Edge Ligature Alarm System

The STOW SENTRY is a ligature-alarmed door system featuring a secondary recessed frame to provide clinical teams with greater control and flexibility over how the door is used in mental healthcare environments. To enhance patient safety in high-risk areas, the STOW SENTRY features pressure sensors to all three exposed door edges which will trigger the staff alarm in the event of a ligature being trapped against them.



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## STOW SENTRY Key Features & Benefits



Full door edge ligature monitors covering all exposed edges for enhanced safety!



Compatible with Kingsway's KOSMOS Smart Monitoring System and all major annunciators



Detects ligatures regardless of the door's position – open or closed!



Door can be locked back flush to the wall in the open position



Unique top plate minimises ligature risks



Full-length continuous hinge for enhanced strength – no pivots!



High-strength tri-laminate FORTUS core

## Maximising Staff Control

The STOW doorset offers simple operation whilst maximising staff's control over how a space is used based on clinical assessment:

**Free Usage:**

If deemed safe, staff can unlock the door allowing service users to open and close it at will.

**Stowed:**

If a moving door is deemed unsafe but access is still required, staff can securely 'stow' the door leaf flush with the wall for safe passage and observation.

**Locked:**

If clinical assessment deems it necessary, staff can lock the door shut to minimise risk.



COMPLETE DOOR SYSTEM DATASHEET

# STOW SENTRY Technical Specifications

## Technical Specs

### Leaf Thickness:

- 54mm

### Core Structure:

- FORTUS Core: solid timber core of 3-layer hardwood

### Maximum Leaf Dimensions:

- 1200mm (W) x 2100mm (H)

### Fire Rating Options:

- NFR

### Lockback Frame:

- FAW(90) 90° Frame Profile
- FAW(180) 180° Frame Profile

### Lockset Options:

- Choice of mechanical locking options

### Available Facings:

- Classic Veneers / Classic Laminate Woods / Classic Laminate Colours / Signature Laminates available on request - see finishes swatch book for full options

### Anti-ligature Ironmongery:

- KG80 Recessed Handle

### Robustness Testing:

- Tested to the Department of Health Medium Secure Testing guidelines (view guide [here](#))

### Door Sensor Product Codes:

- KG510 SENTRY door top sensor
- KG520 SENTRY door bottom sensor
- KG530 SENTRY door edge sensor

### Product Code:

- STW-SEN02 (54mm single door leaf)



5-Year Manufacturer Defect Guarantee as per 'Kingsway Group Product Guarantee' document, a copy of which is available upon request.

COMPLETE DOOR SYSTEM DATASHEET

# SENTRY Finishes

## Laminates:

									
F 0949 White	F 7459 Brite White	F 2696 Super White	F 2255 Polar White	F 1093 Aries	F 2001 Baikal	F 3091 Crystal White	F 2274 Blanc Polaire	F 2010 Malibu	F 7927 Folkstone
									
F 7923 Surf	F 2791 Silver	F 7938 Glacier	F 1484 Steel	F 1994 Fox	F 7961 Fog	F 7902 Iron	F 7858 Pumice	F 0189 Sparta	F 7924 Lead
									
F 1535 Tornado	F 7928 Mouse	F 2770 Sarum Grey	F 3202 Otter	F 7912 Storm	F 2297 Terril	F 7837 Graphite	F 2253 Diamond Black	F 9266 Citadel	F 5342 Earth
									
F 3210 Levante	F 5348 Energy	F 8238 Blush	F 8858 Just Rose	F 0233 Heather	F 7880 Thistle	F 2962 Clementine	F 1238 Carnaval	F 8141 Adobe	F 0232 Juicy Pink
									
F 2582 Lilac	F 1019 Azur	F 2824 Blaze Red	F 7845 Spectrum Red	F 8140 Brick	F 6907 Amarena	F 0231 Peaceful Blue	F 2828 Tropical Blue	F 6902 Grenadine	F 0188 Beaujolais
									
F 8239 Henna	F 5345 Viola	F 7851 Spectrum Blue	F 2483 Ultramarine	F 2005 Paprika	F 7966 New Burgundy	F 8243 Night Shade	F 6903 Cassis	F 5323 Nocturne	F 8242 Night Sea
									
F 7949 Soft White	F 1534 Magnolia	F 1192 Porcelana	F 1040 Alpino	F 7932 Antique White	F 2273 Seringa	F 1531 Irish Cream	F 7934 Pearl	F 0547 Papyrus	F 2296 Sno White
									
F 2833 Sandstone	F 7882 Pale Gold	F 3050 Cygnet	F 7929 Oyster Grey	F 1803 Tenere	F 8857 Just Gold	F 7940 Spectrum Yellow	K 4155 Sun	F 8751 Mojave	F 0187 Kashmir
									
F 0903 Cafe	F 1485 Chrome Yellow	F 3209 Sol	F 4161 Terracotta	F 2200 Dark Chocolate	F 8241 Earthenware	F 0800 Artichoke	F 3236 Avocado	F 3007 Pale Olive	F 8820 Leaf Green
									
F 1194 Iris	F 5493 Arctic Blue	F 2966 Opal	F 7853 Ocean Grey	F 5344 Seed	F 5343 Possum	F 8821 Just Blue	F 1998 Oslo	F 5349 Fossil	F 8245 Marble Green

F 4177 Lime	F 8755 Lemon	F 8240 Liquid Glass	F 5347 Maui	F 7879 Dusty Jade	F 6901 Vibrant Green	F 5341 Wasabi	F 7897 Spectrum Green	F 7884 China Blue	F 4172 Caribbean
F 1326 Capri	F 5521 Deep Sea	F 8796 Algae	F 8237 Fir	F 8822 Denim	F 7914 Marine Blue	F 7846 Grotto	F 2478 Bermuda	F 8793 Green Slate	F 8244 Night Forest

## Woods:

F 8576 Blond Cedar	F 1549 Tromso Maple	F 8841 White Ash	F 8843 Natural Ash	F 3855 Clear Maple	F 2726 Natural Beech	F 0190 Finn Beech	F 7921 Birch	F 5374 Elegant Oak	F 6149 Light Oak
F 5486 Classic Walnut	F 2884 Vosges Pear	F 1293 Redwood	F 5883 Pecan Woodline	F 5372 Vintage Wood	F 7603 Bio-Oak	F 5370 Ivory Oak Cross	F 6932 Macchiato Walnut	F 8847 Jarrah Legno	F 5373 Nocturne Wood
F 8586 Cetina Walnut	F 8587 Peruca Walnut	F 8588 Nevada Oak	F 1548 Mocha Cedar	F 1547 Noir Cedar	F 8839 Ashen Ribbonwood	F 8006 Avignon Walnut	F 0873 Ebony Ribbonwood	F 5477 Ebony Oak Cross	F 1614 Punga Punga Wood

## Acrovyn Solids:

9003 Snow White	801 Grey Cloud	7044 Felt	260 Misty Grey	1015 Ice Blue	9010 Pure White	187 Tan Bark	136 Pearl Grey	24 Dove Grey	11 Aqua Blue
933 Mission White	26 Taupe	162 Charcoal	7024 Graphite	112 Pacific Blue	100 Eggshell	8019 Earth	7043 Anthracite	108 Black	129 Yale Blue
101 French Cream	510 Powder Pink	1510 Almond Green	3040 Prairie Green	4030 Baltic Blue	16 Golden Yellow	2040 Coral Blush	22 Anise	6020 Sequoia Green	5018 Lagoon
17 Tangerine	2050 Pink Grapefruit	325 Cape Blue	949 White	845 Spectrum Red	32 Sugar Plum	520 Imperial Purple			

## Acrovyn Faux Wood & Metal:

51 Natural Oak	36 Bleached Oak	52 Golden Oak	53 Walnut	38 Smoked Oak	39 Wenge	06 Brushed Metal	57 Bronze	58 Copper	54 Grey Concrete
55 Taupe Concrete	56 Black Concrete								



Your Partner in Patient Safety

The best ideas start  
with a conversation

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